

IN THE CLAIMS

Please amend the claims 1, 5, 9, 13, 17 and 21, as follows:

WHAT IS CLAIMED IS:

1 1. (Currently Amended) A method for loading data from a remote data source record by
2 record, in a computer system network connecting a source site and a target site via a database
3 connection communication line, the method comprising the following steps:

4 (a) coupling the source site to at least one data source and to a software server having
5 multi-database access to DBMSs;

6 (b) at the target site requesting data loading from the source site via a block of Structured
7 Query Language (SQL) statements or their equivalent; and

8 (c) transporting data record by record via the database connection communication line
9 according to a multi-database access communication protocol, wherein the target site loading
10 records concurrently with the unloading of records in the source site.

1 2. (Original) The method according to claim 1, wherein a data record being transported
2 across the database connection communication line as soon as one or more data records are
3 unloaded from the source site, and data loading at the target site beginning as soon as a record
4 was transported to the target site.

1 3. (Original) The method according to claim 1, wherein the data loading being performed in
2 a pipeline manner, loading data records in multiple partitions with a plurality of parallel streams,
3 pointed to by a plurality of data source partition cursors.

1 4. (Original) The method according to claim 1, wherein the block of SQL statements
2 comprises dynamic executable SQL statements performing in the EXECUTE IMMEDIATE
3 mode.

1 5. (Currently Amended) The method according to claim 1, wherein the block of SQL
2 statements comprises:

3 a SQL DECLARE CURSOR FOR SELECT statement, for defining a cursor referencing
4 separately each SELECT statement result record unloading from the server site, and
5 a LOAD command and an operator INCURSOR with the same cursor name for pointing
6 to the receiving record at the target site.

1 6. (Original) The method according to claim 1, wherein the server site having access to
2 multiple data sources, physically distributed and disparate DBMSs, residing on different
3 hardware systems and possibly storing data in a different format.

1 7. (Original) The method according to claim 6, wherein the server site loading data from
2 multiple data sources, further comprising a step for using a means for consolidating data from
3 multiple data sources.

1 8. (Original) The method according to claim 1, wherein the database connection
2 communication line utilizing the TCP/IP protocol, and the software server having multi-database
3 access to DBMSs including a Distributed Relational Database Architecture (DRDA).

1 9. (Currently Amended) A system for loading data from a remote data source record by
2 record, comprising:

3 a source site coupled to at least one data source and having a software server with multi-
4 database access to DBMSs;

5 a target site requesting data loading from the source site via a block of Structured Query
6 Language (SQL) statements or their equivalent; and

7 a database connection communication line for transporting data record by record and
8 according to a multi-database access communication protocol, wherein the target site loading
9 records concurrently with the unloading of records in the source site.

1 10. (Original) The system according to claim 9, wherein a data record being transported
2 across the database connection communication line as soon as one or more data records are
3 unloaded from the source site, and data loading at the target site beginning as soon as a record
4 was transported to the target site.

1 11. (Original) The system according to claim 9, wherein the data loading being performed in
2 a pipeline manner, loading data records in multiple partitions with a plurality of parallel streams,
3 pointed to by a plurality of data source partition cursors.

1 12. (Original) The system according to claim 9, wherein the block of SQL statements
2 comprises dynamic executable SQL statements performing in the EXECUTE IMMEDIATE
3 mode.

1 13. (Currently Amended) The system according to claim 9, wherein the block of SQL
2 statements comprises:

3 a SQL DECLARE CURSOR FOR SELECT statement, for defining a cursor referencing
4 separately each SELECT statement result record unloading from the server site, and
5 a LOAD command and an operator INCURSOR with the same cursor name for pointing
6 to the receiving record at the target site.

1 14. (Original) The system according to claim 9, wherein the server site having access to
2 multiple data sources, physically distributed and disparate DBMSs, residing on different
3 hardware systems and possibly storing data in a different format.

1 15. (Original) The system according to claim 14, wherein the server site loading data from
2 multiple data sources, further comprising a means for consolidating data from multiple data
3 sources.

1 16. (Original) The system according to claim 9, wherein the database connection
2 communication line utilizing the TCP/IP protocol, and the software server having multi-database
3 access to DBMSs including a Distributed Relational Database Architecture (DRDA).

1 17. (Currently Amended) A program storage device readable by a computer tangibly
2 embodying a program of instructions executable by the computer to perform method steps for
3 loading data from a remote data source record by record, in a computer system network
4 connecting a source site and a target site via a database connection communication line, the
5 method comprising the following steps:

6 (a) coupling the source site to at least one data source and to a software server having
7 multi-database access to DBMSs;

8 (b) at the target site requesting data loading from the source site via a block of Structured
9 Query Language (SQL) statements ~~or their equivalent~~; and

10 (c) transporting data record by record via the database connection communication line
11 according to a multi-database access communication protocol, wherein the target site loading
12 records concurrently with the unloading of records in the source site.

1 18. (Original) The method according to claim 17, wherein a data record being transported
2 across the database connection communication line as soon as one or more data records are
3 unloaded from the source site, and data loading at the target site beginning as soon as a record
4 was transported to the target site.

1 19. (Original) The method according to claim 17, wherein the data loading being performed
2 in a pipeline manner, loading data records in multiple partitions with a plurality of parallel
3 streams, pointed to by a plurality of data source partition cursors.

1 20. (Original) The method according to claim 17, wherein the block of SQL statements
2 comprises dynamic executable SQL statements performing in the EXECUTE IMMEDIATE
3 mode.

1 21. (Currently Amended) The method according to claim 17, wherein the block of SQL
2 statements comprises:

3 a SQL DECLARE CURSOR FOR SELECT statement, for defining a cursor referencing
4 separately each SELECT statement result record unloading from the server site, and
5 a LOAD command and an operator INCUSROR with the same cursor name for pointing
6 to the receiving record at the target site.

1 22. (Original) The method according to claim 17, wherein the server site having access to
2 multiple data sources, physically distributed and disparate DBMSs, residing on different
3 hardware systems and possibly storing data in a different format.

1 23. (Original) The method according to claim 22, wherein the server site loading data from
2 multiple data sources, further comprising a step for using a means for consolidating data from
3 multiple data sources.

1 24. (Original) The method according to claim 17, wherein the database connection
2 communication line utilizing the TCP/IP protocol, and the software server having multi-database
3 access to DBMSs including a Distributed Relational Database Architecture (DRDA).